

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 17 Sep 2021 until 23:59 on Saturday 18 Sep 2021

Forecast Issued on Thursday 16 Sep 2021 at 16:12

Confidence: High for initially dry conditions but turning more changeable over the weekend. Low for details of rain or showers from Saturday onward.

Headline for Friday 17 Sep 2021: Dry and bright with sunny intervals through the morning and evening.

Mountain weather hazards on Friday 17 Sep 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Clear night	Clear night	Sunny intervals	Sunny intervals	Cloudy	Cloudy	Cloudy	Sunny intervals
Precipitation probability							
00%	00%	00%	00%	10%	10%	00%	00%

Forecast for Friday 17 Sep 2021

Weather: Dry and sunny spells or intervals through the morning. Early patchy low cloud may briefly cover peaks. Southerly winds will freshen through the day but it will still feel warm in shelter. Cloud will thicken from late morning through into the afternoon, then breaking in the evening to further sunny intervals. Friday is expected to remain dry overall, with only a very low risk of some light rain in the afternoon.

Chance of cloud free mountain/hill tops above 600m: 80%, becoming 90%

Visibility: Patchy cloud down to 600-700m initially, mainly in the south. Very good visibility outside of early low cloud, with clear views of distant hills throughout.

Forecast for Friday 17 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/15 S	9/15 S	11/17 S	13/17 S	15/20 S	14/19 S	8/14 S	10/17 S	9/15 S
300	3/11 S	3/12 S	6/15 S	9/15 S	11/19 S	11/19 S	4/13 S	4/14 S	3/11 S
Valley	1/8 SE	3/7 E	5/12 SE	8/15 S	10/18 S	9/17 S	4/12 SE	5/15 SE	5/10 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/10	12/10	10/8	11/8	13/10	14/12	14/12	13/11	12/11
300	12/11	11/11	11/10	14/13	17/15	17/15	16/15	14/14	13/12
Valley	13/13	13/13	12/12	16/15	18/17	19/17	17/17	16/16	15/14
Freezing Level*	3000m	3100m	3100m	3000m	2900m	3000m	3000m	3000m	2900m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Adequate sun protection is advised with UV levels reaching to moderate or high levels in direct sunlight.

Recent rainfall: measured at Malham: altitude 375m

Recorded at
14:00 on Thu 16 Sep 2021

Last 24 hours:
0.4mm

Last 48 hours:
1mm

Last 72 hours:
1.2mm

Forecast for Saturday 18 Sep 2021

Weather: Patchy early low cloud may briefly cover peaks once again. Becoming clear with long sunny spells by mid-morning. Cloud may develop through the afternoon and evening bringing a risk of isolated short sharp showers.

Maximum wind: Southeasterly 10 mph gusting 15 mph

Chance of cloud free mountain/hill tops above 600m: 60% becoming 90%

Visibility: Initially poor in any low cloud with bases down to 300-400m. Becoming very good with clear views across the Dales.

Temperature: **Valleys:** Plus 10 Celsius becoming Plus 19 Celsius
At 600m: Plus 6 Celsius becoming Plus 13 Celsius
Freezing level: Above summits.